## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) : Guillermo J. TEARNEY et al.

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For : SYSTEM AND METHOD FOR IDENTIFYING TISSUE USING

LOW-COHERENCE INTERFEROMETRY

Examiner : Eric Frank Winakur

Art Unit : 3768

Confirmation No. : 1546

Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria. VA 22313-1450

## **AMENDMENT AFTER FINAL OFFICE ACTION**

Sir:

This paper is filed in response to Final Office Action dated December 11, 2009. Initially, please amend the above-identified application as set forth below.

## In The Claims:

Please cancel claims 2, 36 and 40 without prejudice, and amend claims 1, 11,

18, 19, 23-25, 30, 31, 33 and 44, as provided below in the associated claim listing on

separate sheets:

OK TO ENTER: /E.W./